

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
2 June 2005 (02.06.2005)

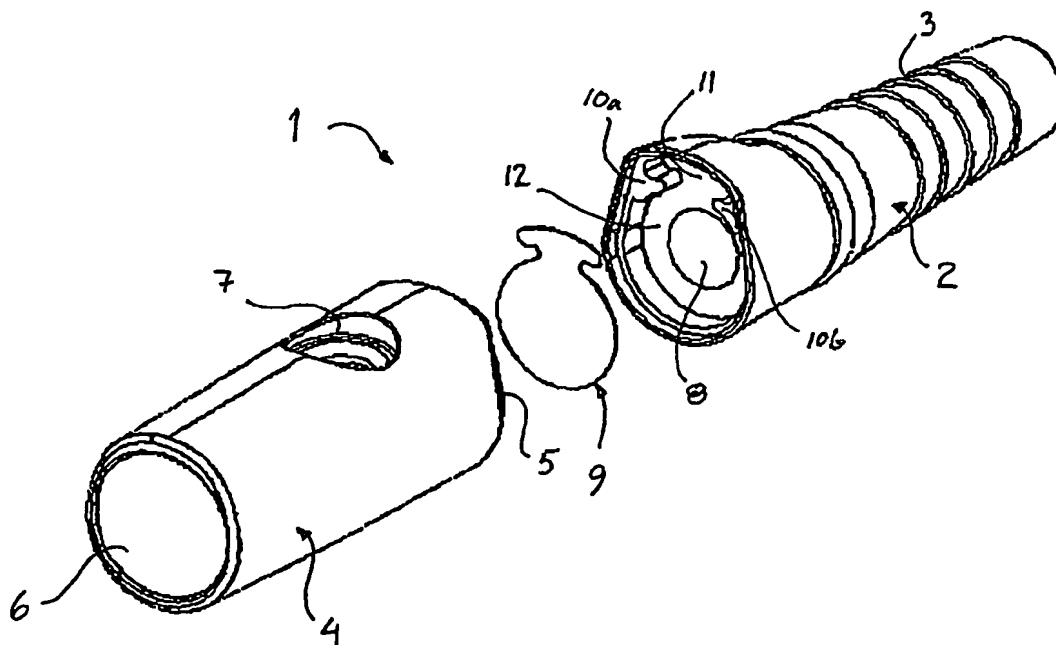
PCT

(10) International Publication Number  
**WO 2005/048890 A3**

- (51) International Patent Classification<sup>7</sup>: **A61F 5/44**  
61 Ton Row, Rhondda Cynon Taff, South Wales, CF 41 7AW (GB).
- (21) International Application Number:  
PCT/DK2004/000802 (74) Common Representative: **COLOPLAST A/S**; Høltedam 1, DK-3050 Humlebaek (DK).
- (22) International Filing Date:  
19 November 2004 (19.11.2004) (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
PA 2003 01715 19 November 2003 (19.11.2003) DK
- (71) Applicant (*for all designated States except US*): **COLOPLAST A/S** [DK/DK]; Høltedam 1, DK-3050 Humlebaek (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **KAERN, Viggo, Aaberg** [DK/DK]; Folkvarsvej 15, 4th, DK-2000 Frederiksberg (DK). **JENKINS, Andrew, Edward** [GB/GB];
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,

[Continued on next page]

(54) Title: DEVICE FOR PROVIDING ANTI-REFLUX IN A BODY FLUID COLLECTION AND/OR SAMPLING SYSTEM, AND METHOD OF MANUFACTURING SUCH A DEVICE



(57) Abstract: The device (1) for providing anti-reflux has a valve element (9) formed from a sheet-shaped material blank. The valve element includes a connecting portion and a flap portion. Retaining means (10a, 10b) for retaining the valve element are integral with the device. The connecting portion includes engagement means formed integrally with the valve element for engagement with the retaining means, the valve element projecting a coherent plane.

WO 2005/048890 A3





SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

**(88) Date of publication of the international search report:**  
30 June 2005